PAPIL

02/04

NNEGAN HENDERSON 650 849 6666 TO 6144091360005\*00 P.02

Customer Number 22,852 Attorney Docket No. 9138,0005-00

Priority Claimed Under 35 U.S.C. 119

SEP 2 1 2004

## **DECLARATION AND POWER OF ATTORNEY**

As a below named Inventor, I have the declare that: my residence, post office address and ditzenship are as stated below next to my name; I believe I am an original, first, and Joint Inventor of the subject matter which is dairned and for which a parent is sought on the invention entitled: OPTICAL ROSA FOR LONG REACH OPTICAL TRANSCEIVER the epecification of which | le attached and/or | was filled on January 26, 2004 as United States Application No. 10/764,979.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56. I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(9) for patent or inventors certificate or

§ 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's cartificate, or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
			YES INO
			U YES U NO
I hereby daim the benefit un	der 35 U.S.C. § 119(e) of any United	1 States provisional application	
Application Number			Date of Filing
App	dication Number		Date Or Filling

I hereby claim the benefit under 36 U.S.C. § 120 of any United States application(s) or § 365(a) of any PCT International application(s) dealgrating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112. I acknowledge the duty to disclose information which Is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(a) and the national or PCT International filing date of this application:

Application Number	Data of Filing	Status (Paterned, Pending, Abandoned)

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office i necessy appoint the rollowing attention agents) to proseed this appropriet the rollowing attention agents of trademark office connected therewith, FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP., CUSTOMER NUMBER 22,852, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Doneld R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jannings, IV, Reg. No. 20,645; Jarry D. Volght, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,088; Herbert H. Mintz, Reg. No. 26,891; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,510; Michael C. Elmer, Reg. No. 23,088; Herbert H. Mintz, Reg. No. 26,891; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,510; Michael C. Elmer, Reg. No. 28,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,510; Michael C. Elmer, Reg. No. 28,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. Lamy O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 29,088; C. 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No. 30,057; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Elnaudl, Reg. No. 32,220; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordia, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burguijan, Reg. No. 31,744; J. Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burguijan, Reg. No. 31,744; J. B. Hordis, Reg. No. 32,854; Darbara C. McCurdy, Reg. No. 32,120; James C. Hallindin, Reg. No. 31,556. Richard V. Burgullari, Reg. No. 41,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovelick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panlich, Reg. No. 33,751; Cheri M. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 38,353; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E, Van Horn, Reg. No. 40,260; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33, 921; James B. Monroo, Reg. No. 33,871; Doris Johnson Hines, Rag. No. 34,629; Loff Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; Martin Mejestic, Reg. No. 25,695; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michael C. Bosch, Reg. No. 40,524; Michael J. Filobart, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,169; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Bosch, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kalhleen A. Daley, Reg. No. 36,118; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Lionel M. Lavenue; Reg. No. 48,856; Christine E. Lohman, Reg. No. 38,535; Patrick J. Coyne, Reg. No. 31,821; Anthony M. Gutowski, Reg. No. 38,742; Lionel M. Lavenue; Reg. No. 48,856; Christine E. Lohman, Reg. No. 38,535; Patrick J. Coyne, Reg. No. 374: F. Leslie Bessenger, III, Reg. No. 39.108; Houtan K. Esfahani, Reg. No. 41,893; Esther H. Lim, Reg. No. 41,994; Michael A. Morin, Reg. No. 40,734; Erik R. Puknys, Reg. No. 40,132; and Gary J. Edwards, Reg. No. 41,008.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or Imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeoperdize the validity of the application or any patent issuing thereon.

Full Name of First Inventor Joseph Indhiran Vannlasinkam	Inventor's Signature	17/14/04
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PAGE 03/04

AUG 04 2004 14:12 FR FINNEGAN HENDERSON 650 849 6666 TO 6144091360005\*00 P.03

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## **DECLARATION AND POWER OF ATTORNEY**

As a below named in the body in the latest that my residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: OPTICAL ROSA FOR LONG REACH OPTICAL TRANSCEIVER the specification of which is attached and/or was filed on January 26, 2004 as United States Application No. 10/764,979.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119	
			YES NO	
			☐ YES ☐ NO	
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:				
Application Number			Date of Filing	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT International filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852, Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27.680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33, 921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Lori Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; Martin Majestic, Reg. No. 25,695; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michele C. Bosch, Reg. No. 40,524; Michael J. Flibbert, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,189; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Warnement, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kathleen A. Daley, Reg. No. 36,116; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Lionel M. Lavenue; Reg. No. 46,859; Christine E. Lehman, Reg. No. 38,535; Patrick J. Coyne, Reg. No. 31,821; F. Leslie Bessenger, III, Reg. No. 39,108; Houtan K. Esfahani, Reg. No. 41,893; Esther H. Lim, Reg. No. 41,994; Michael A. Morin, Reg. No. 40,734; Erik R. Puknys, Reg. No. 40,132; and Gary J. Edwards, Reg. No. 41,008.

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Full Name of First Inventor Joseph Indhiran Vanniasinkam	Inventor's Signature	Date
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